Substitute	Substitute for form 1449B/PTO			Complete if Known		
INFORMATION BLOOK COURT				Application Number	10/820,953 10773754	
INFORMATION DISCLOSURE				Filing Date	April 4, 2004	
STAT	STATEMENT BY APPLICANT			First Named Inventor	Jordan J.N. Tang	
				Art Unit .	Not Yet Assigned 1656	
(t	(use as many sheets as necessary)			Examiner Name	Not Yet Assigned S. Noakes	
Sheet	3	of	11	Attorney Docket Number	022266-000940US	

			U.S. PATENT DO	CUMENTS+	
		Document Number			
xaminer Inidals*	Cite No.1	. Number Kind Cods ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SMN	AA	US-4,923,967	05/08/90	Bobbitt, et al.	
	AB	US-5,221,607	06/22/93	Cordell, et al.	
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	AK	US-6,329,163 B1	12/11/01	Anderson, et al.	
	AL	US-6,361,975 B1	03/28/02	Christie, et al.	
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1	AO	US-2002/0081634 A1	07/16/02	Gurney, et al.	
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Examiner Cite No.1		Foreign Patent Document			Publication Date	Name of Patentee of Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	
	NO.	Country Code ³	Number⁴	Kind Code ¹ (if known)	MM-DD-YYYY	Document	Figures Appear	T _q
SMN	AV	WO	96/40885	A2	12/19/96			
ī	AW	wo	97/27296	A1	07/31/97			
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	AZ	wo	98/21589	A1	05/22/98			
	BA	wo	98/26059	A1	05/18/98			
	βB	WO	99/51752	A1	10/14/99	7.		
<u> </u>	BC	WO	99/64587	A1	12/16/99			
	BD	wo	00/17369	A3	03/30/00			
	BE	WO	00/23576	A3	04/27/00			
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7/	BG	WO	00/58479	A1	10/05/00			
V	ВН	WO	00/77030	A1	12/21/00			
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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO Complete if Known 10/820,953 10773754 Application Number INFORMATION DISCLOSURE Filing Date April 4, 2004 STATEMENT BY APPLICANT First Named Inventor Jordan J.N. Tang Art Unit Not Yet Assigned 1656 (use as many sheets as necessary) Examiner Name Not Yet Assigned S. Noakes 11 Sheet 022266-000940US Attorney Docket Number

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	FOI	eign Patent Docu Number ⁴	ment Kind Code [®] (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰	
SMN	BI	wo	01/23533	A2	04/05/01				
	BJ	WO	01/70672	A1	09/27/01				
	BK	WO	02/47466	A2	06/20/02				
	BL	WO	02/25276	A1	03/28/02				
	ВМ	EP	0855444	A2	07/29/88				
1/	BN	EP	0302469	A2	02/08/89			\Box	
-	ВО	JP	10108681	Α	04/28/88				

Examiner Signature	/Suzanne Noakes/	Date Considered	01/04/2007

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		NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No.1 SMN BP		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
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	BY	COHEN, et al., "An artificial cell-cycle inhibitor isolated from a combinatorial library," <i>Proc Natl Acad Sci USA</i> 95(24):14272-7 (1998).				
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Examiner Signature	/Suzanne Noakes/	Date Considered	01/04/2007

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		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.					
SMN		DORRELL, S. "Untangling Alzhelmer's Disease with β-secretase inhibitors," <i>Drug Discovery Today</i> , 5(8):316-317 (2000).				
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	СН	ELLINGTON & SZOSTAK, "In vitro selection of RNA molecules that bind specific ligands," Nature 346(6287):818-22 (1990).				
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_	CJ	EZZELL, C., "Alzheimer's Alchemy," Science News (1992) 141:152-153				
	СК	FAN, et al., "BACE Maps to chromosome 11 and a BACE homolog, BACE2, reside in the obligate down syndrome region of chromosome 21," Science 286:1255a (1999).	,			
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	CR	GOLDGABER, et al., "Characterization and chromosomal localization of a cDNA encoding brain amyloid of Alzheimer's disease," Science 235(4791):877-80 (1987).				
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Signature	/Suzanne Noakes/	Considered	01/04/2007

EXAMINER: InItial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Substitute	Substitute for form 1449B/PTO			Complete if Known		
INEO	DRAATIC	M DIE	CLOSURE	Application Number	10/820,959 10773754	
				Filing Date	April 4, 2004	
SIAI	FIMENI	BYA	PPLICANT	First Named Inventor	Jordan J.N. Tang	
				Art Unit	Nut Yet Assigned 1656	
((use as many sheets as necessary)			Examiner Name	Not Yet Assigned S. Noakes	
Sheet	7	of	11	Attorney Docket Number	022266-000940US	

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Examiner Cite No.1							
SMN CV		HOWLETT, D.R. et al., "In search of an enzyme: the β-secretase of Alzheimer's disease is an aspartic proteinase," Trends Neurosci. 23:565-570 (2000).					
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	CZ	KANG, et al., "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor," <i>Nature</i> 325(6106):733-6 (1987).					
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	DD	KNOPS, et al., "Cell-type and amyloid precursor protein-type specific inhibition of A beta release by bafilomycin A1, a selective inhibitor of vacuolar ATPases," <i>J Biol Chem</i> 270(6):2419-22 (1995).					
	DE	KOLATA, "Scientists find enzyme linked to Alzhelmer's," National Science/Health October 22,1999.					
	DF	KOSTKA, Aspartic proteinases and Their Inhibitor (Walter de Gruyter, Berlin 1985).					
	DG	LASKOWSKI, et al., "Procheck: a program to check the stereochemical quality of protein structures," J Appl. Crystallog 26:283 (1993).					
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Examiner Signature	/Suzanne Noakes/	Date Considered	01/04/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449B/PTO Complete if Known Application Number 10/820,953 10773754 INFORMATION DISCLOSURE Filing Date April 4, 2004 STATEMENT BY APPLICANT First Named Inventor Jordan J.N. Tang Not Yet Assigned 1656 Art Unit (use as many sheets as necessary) Examiner Name Not Yet Assigned S. Noakes Sheet 11 Attomey Docket Number 022266-000940US

	,	NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), litle of the item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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	DU	MULLAN, et al., "A locus for familial early-onset Alzheimer's disease on the long arm of chromosome 14, proximal to the alpha 1-antichymotrypsin gene," Nat Genet 2(4):340-2 (1992).	
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V		PARIS, N. et al., "Bacterial Production and Purification of Recombinant Human Prolactin," Biotechnology and Applied Biochemistry, 12:436-449 (1990).	

Examiner Signature	/Suzanne Noakes/	Date Considered	01/04/2007
Colgitation		Outloadio	

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		NON PATENT LITERATURE DOCUMENTS	_					
Examiner Cite Initials * No		Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
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	EO	SINHA, et al., "Purification and cloning of amyloid precursor protein beta-secretase from human brain," Nature 402(6751):537-40 (1999).						
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Examiner /Suzanne Noakes/	Date Considered	01/04/2007
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INICO	DREATIC	M DIC	OLOCUDE	Application Number	10/820,953 10773754	
		_	CLOSURE	Filing Date	April 4, 2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Jordan J.N. Tang	
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Sheet	10	of	11	Attomey Docket Number	022266-000940US	

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
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	ET	TAGAWA, et al., "Alzheimer's disease amyloid β-clipping enzyme (APP secretase): Identification, purification, and characterization of the enzyme," Biochemical and Biophysical Research Communications 177(1):377-387 (1991).						
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	FA	THINAKARAN, et al., "Evidence that levels of presentiins (PS1 and PS2) are coordinately regulated by competition for limiting cellular factors," <i>J Biol Chem</i> 272(45):28415-22 (1997).						
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Examiner Signature	/Suzanne Noakes/	Date Considered	01/04/2007

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Substitute	for form 1449E	/PTO			Complete if Known
INFO	DAZATIC	NI DIO	CL OCUPE	Application Number	10/820,953 10773754
			CLOSURE	Filing Date	April 4, 2004
SIAI	STATEMENT BY APPLICANT			First Named Inventor	Jordan J.N. Tang
Ī				Art Unit	Not Yet Assigned 1656
	(use as many sheets as necessary)			Examiner Name	Not Yet Assigned S. Noakes
Sheet	11	of	11	Attorney Docket Number	022266-000940US

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
SMN	FG	WOLFE, et al., "Two transmembrane aspartates in presentiin-1 required for presentiin endroproteolysis and gamma-secretase activity," Nature 398(6727):513-7 (1999).					
	FH	YANG & QUAIL, "Structure of the Rhizomucor miehei aspartic proteinase complexed with inhibitor pepstatin A at 2.7 A resolution," Acta Crystallogr D Biol Crystallogr 55 (Pt 3):625–30 (1999).					
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	FJ	YU, "Inhibition of beta-amyloid cytotoxicity by midkine," Neurosci Lett 254(3):125-8 (1998).					
	FK	Database Swissprot, Database Accession No. P28712, December 1, 1992					
W	FL	Database Swissprot, Database Accession No. P56272, July 15, 1998	•				

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